

Title (en)

ACOUSTIC EMISSION SENSORS WITH INTEGRAL ACOUSTIC GENERATORS

Title (de)

SCHALLEMISSIONSENSOREN MIT INTEGRIERTEN SCHALLGENERATOREN

Title (fr)

CAPTEURS D'ÉMISSION ACOUSTIQUE À GÉNÉRATEURS ACOUSTIQUES INTÉGRÉS

Publication

EP 3532833 A1 20190904 (EN)

Application

EP 17794581 A 20171024

Priority

- US 201615333658 A 20161025
- US 2017057957 W 20171024

Abstract (en)

[origin: US2018113098A1] Example acoustic emission sensors with integral acoustic generators are disclosed. Example apparatus disclosed herein include an acoustic receiver, an acoustic generator, and a wear plate. The acoustic generator is disposed adjacent to the acoustic receiver. The wear plate is acoustically coupled to the acoustic receiver and to the acoustic generator. The wear plate is to convey acoustic energy from the acoustic generator to the acoustic receiver through a structure under test to which the apparatus is coupled. The wear plate includes first acoustic isolation to impede transmission of acoustic energy from the acoustic generator to the acoustic receiver through the wear plate.

IPC 8 full level

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CPC (source: CN EP RU US)

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See references of WO 2018081035A1

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BA ME

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US 10161919 B2 20181225; **US 2018113098 A1 20180426**; CA 3041805 A1 20180503; CN 107976485 A 20180501; CN 208060453 U 20181106; EP 3532833 A1 20190904; EP 3532833 B1 20220907; RU 2019114455 A 20201127; RU 2019114455 A3 20201211; RU 2751557 C2 20210714; WO 2018081035 A1 20180503

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